



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
**BUREAU OF SOILS AND
WATER MANAGEMENT**
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

RICE SUITABILITY MAP (Key Rice Areas) PROVINCE OF BATANGAS

SCALE 1:315,000

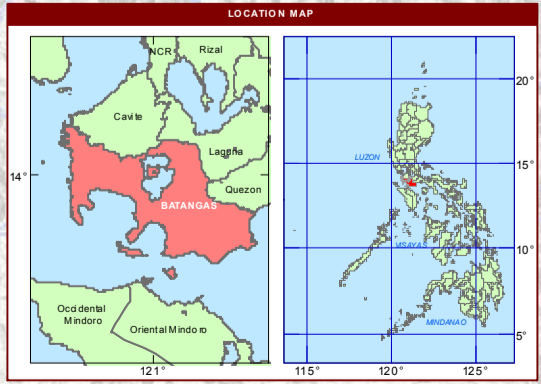
0 1 2 3 4 5 6 7 8 9 10 11 12
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992
DISCLAIMER : All political boundaries are not authoritative

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2m	Moderately Suitable	m	-	-	4,333	33.48
S2md		m,d	-	-	1,212	9.36
S2mdf		m,d,f	-	-	441	3.41
S2mf		m,f	-	-	5,830	45.04
S2mi		m,i	-	-	58	0.45
S2mid		m,i,d	-	-	1	0.01
S2mif	Marginally Suitable	m,i,f	-	-	99	0.77
S3f		m	f	-	31	0.24
S3x		m,d	x	-	399	3.08
S3x		m,d,f	x	-	333	2.57
S3x		m,i,d	x	-	110	0.85
S3x		m,i,d,f	x	-	96	0.74
TOTAL . . .					12,943	100.00

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability				
m - number of dry months (<75mm)	0 - 3	4 - 6	7 - 9	>9
r - annual average rainfall (mm)	> 1500	1200 - 1500	800 - 1200	< 800
Temperature Regime				
t - annual average temperature (°C)	25 - 29	30 - 32	33 - 35	> 35
		22 - 24	18 - 21	< 18
Terrain				
s - slope (%)	0 - 3	3 - 8	8 - 18	>18
o - stoniness	none	slight	moderate	severe
e - erosion	none - slight	slight - moderate	moderate	severe
l - flooding	none - slight	slight - moderate	moderate	severe
Rooting Conditions				
d - soil drainage class	VPD - SPD	SPD - MWD	WD	SED - ED
x - soil texture	C, SC, SIC, SCL	L, SIL, SI	SL, LS	S
h - soil depth (cm)	> 50	41 - 50	20 - 40	< 20
Nutrient Availability				
f - soil fertility	Moderately High to High (MH - H)	Moderately Low (ML)	Low (L)	-

Note:
Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor raise inputs above an acceptable level.
Moderately Suitable (S2) - with limitations which are moderately severe for sustained application of a given use. Limitations will moderately reduce productivity or benefits. Requires increased input to the extent that the overall advantage to be gained will be inferior to that expected on S1 land.
Marginally suitable (S3) - with limitations which in aggregate are severe for sustained application of a given use and will significantly reduce productivity or benefits. Limitations will significantly increase required inputs, that this expenditure will only be marginally satisfied.
Not Suitable (N) - with severe limitations which are difficult to overcome in time or cannot be corrected at currently acceptable cost. Limitations are so severe that prevent successful sustained use of the land in the given manner.



CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shore line
Primary	Municipal	
Secondary		
Tertiary		
		PLACES
		Capital City / City
		Capital Town / Town

MISCELLANEOUS INFORMATION
SOURCES OF INFORMATION: Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global data set (2015). Bathymetry information taken from British Oceanographic Centre Fertility data gathered through the Soil Health Assessment National Soil Sampling and Testing Project Phase II led by the Bureau of Soils and Water Management in partnership with the DA-Regional Field Offices (RFOs) and Local Government Units (LGUs).
Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd., cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website (<http://www.bswm.da.gov.ph>).
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